

ABSTRACT OF THE DISCLOSURE

The invention provides a purified phytate enzyme derived from *Escherichia coli* B. The enzyme has a molecular weight of about 47.1 kilodaltons and has phytase activity (SEQ ID NO:2).

5 The enzyme can be produced from native or recombinant host cells and can be used to aid in the digestion of phytate where desired. In particular, the phytase of the present invention can be used in animal feed.

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